

- 10 -

### Patent Claims

- 1) Adhesion promoter for plastisols, characterized in that the adhesion promoter comprises not only a polyaminoamide but also at least 10% by weight, and at most 60% by weight, based on the total amount of adhesion promoter, of ethyldiglycol (ethyl Carbitol).
- 2) Adhesion promoter according to Claim 1, characterized in that the proportion of ethyldiglycol is from 25 to 55% by weight, preferably from 40 to 50% by weight.
- 3) Plastisol composition, comprising fine-particle polyvinyl chloride or, respectively, vinyl chloride copolymers, and conventional plasticizers, fillers, additives and adhesion promoters, characterized in that it comprises an adhesion promoter according to either of Claims 1 and 2.
- 4) Plastisol composition according to Claim 3, characterized in that the adhesion promoter is added in proportions of from 0.3 to 5% by weight, based on the weight of the plastisol.
- 5) Plastisol composition according to Claim 4, characterized in that the adhesion promoter is added in proportions of from 0.5 to 2% by weight, preferably 1% by weight, based on the weight of the plastisol.
- 6) Process for producing coatings and adhesive bonds for materials, characterized in that use is made of a plastisol composition according to any of Claims 3 to 5.
- 7) Process according to Claim 6, characterized in that the adhesion promoter is added to the plastisol composition, and the mixture is homogenized, and the plastisols thus prepared are stoved on the material at temperatures greater than or equal to 90°C, preferably from 120°C to 160°C.